

LISTING OF THE CLAIMS

Claims pending

- At time of the Action: Claims 1-2, 5-13, and 15-16.
- After this Response: Claims 1-2 and 5-10.

Canceled or Withdrawn claims: Claims 11-13 and 15-16.

Amended claims: Claims 1, 2, and 10.

New claims: None.

1. (Currently Amended) Apparatus for displaying information from a portable communications device, having a data output port and a scrollable display, on a remote projection display device having a data input port, the apparatus comprising:

a first data port associated with a cradle for receiving the portable communications device, the first data port adapted to be coupled to the data output port of the portable communications device, the first data port for receiving remote data from the portable communications device, the remote data including remote audio data and remote visual data; and

a second data port that is adapted to be coupled to the data input port of the remote projection display device, the second data port for automatically, upon placement of the portable communications device into the cradle, providing to the remote projection display device a representation of the remote visual data received from the portable communications device;

wherein the apparatus is configured to receive scrolling commands from a scroll controller, the scroll controller being adapted to cause the remote

1 projection display device to provide a scrolling display of information that
2 corresponds to the scrollable display of the portable communications device;

3 wherein the scroll controller comprises a control device that is
4 integrated into an automobile steering wheel and is adapted to be electrically
5 ~~connected~~ coupled to the remote projection display device;[[and]]

6 wherein the apparatus is also configured to receive commands from
7 a display controller, the display controller being adapted to cause the remote
8 projection display device to turn on and off the displayed information;

9 wherein the display controller also comprises a control device that is
10 integrated into the automobile steering wheel and is adapted to be electrically
11 connected to the remote projection display device;

12 wherein the cradle includes an audio serial port for receiving the
13 remote audio data, a speaker for outputting the remote audio data, and a
14 microphone for receiving audio data that is to be sent back through the portable
15 communications device; and

16 wherein the cradle is also adapted to couple to a hands-free kit, such
17 that when the cradle couples to the hands-free kit the hands-free kit outputs the
18 remote audio data and receives the audio data that is to be sent back through the
19 portable communications device.

1 2. (Currently Amended) Apparatus according to claim 1, further
2 comprising:

3 a data translator, coupled between the first data port and the second
4 data port, that formats the remote visual data received from the portable
5 communications device into a format from which the remote projection display
6 device can provide a projected display.

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8 3. (Cancelled).

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10 4. (Cancelled).

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12 5. (Original) Apparatus according to claim 1, wherein the portable
13 communications device is an Internet appliance.

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15 6. (Original) Apparatus according to claim 1, wherein the portable
16 communications device is a cellular telephone.

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18 7. (Original) Apparatus according to claim 1, wherein the portable
19 communications device is a personal digital assistant.

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21 8. (Original) Apparatus according to claim 1, wherein the remote
22 projection display device provides the projected display on an automobile
23 windshield.

1 9. (Original) Apparatus according to claim 8, wherein the remote
2 projection display device is a heads-up display device that is integrated into an
3 automobile.

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5 10. (Currently Amended) Apparatus for hands-free communication
6 using a portable communications device, the apparatus adapted to receive remote
7 data from the portable communications device via a wireless telecommunications
8 link, the portable communications device having an externally accessible data
9 output port and the remote data including remote audio data and remote visual
10 data, the apparatus comprising:

11 a housing that is adapted to receive the portable communications
12 device;

13 a sensor for detecting placement of the portable communications
14 device into the housing;

15 a first interface for coupling the data output port of the portable
16 communications device to the housing;

17 a second interface for coupling the housing to a data input port of a
18 remote projection display device;[[and]]

19 a processor for receiving the remote data from the portable
20 communications device, converting the received remote visual data to a format
21 displayable by a remote projection display device, and forwarding the converted
22 remote visual data to the remote projection display device via the second interface
23 for automatic display upon detection of placement of the portable communications
24 device into the housing;

25 a serial port for receiving the remote audio data;

1 a speaker for outputting the remote audio data; and
2 a microphone for receiving audio data that is to be sent back through
3 the portable communications device;

4 wherein the apparatus is adapted to couple to a hands-free kit, such
5 that when the apparatus couples to the hands-free kit the hands-free kit outputs the
6 remote audio data and receives the audio data that is to be sent back through the
7 portable communications device;

8 wherein the portable communications device includes a scrolling
9 capability, and the processor includes a scroll controller that receives scrolling
10 commands from a remote scroll control device that is adapted to be integrated into
11 an automobile steering wheel and adapted to cause the remote projection display
12 device to provide a scrolling display of the converted remote visual data based on
13 the scrolling commands;[[and]]

14 wherein the processor is configured to receive commands from a
15 remote toggle controller, the remote toggle controller being adapted to cause the
16 remote projection display device to toggle the display of the remote visual data
17 between on and off states in response to actuation of the remote toggle controller;

18 wherein the second interface is a wireless interface that is adapted to
19 couple the housing to a corresponding wireless interface of the remote projection
20 display;

21 wherein the processor includes a data translator for the converting of
22 the received remote visual data;

23 wherein the first interface is a serial port connector and the second
24 interface is a serial port connector; and
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1 wherein a connection between the first interface and the data output
2 port of the portable communications device is achieved upon receipt of the
3 portable communications device.

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5 11.-16. (Cancelled)
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